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| European Common Proposals |
| Proposed revision of Resolution 60evolution of the identification/numbering system and its convergence with IP-based systems/networks |
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| **Abstract:** | Europe proposes amendments to Resolution 60 to clarify the scope of the technical work and the responsibilities of the ITU-T’s lead group on the matter to reflect evolution of technologies over the last 4 years. |

Introduction

Europe has reviewed Resolution 60 (Rev. Dubai, 2012).

Technology has evolved in the last 4 years, and this has been reflected within the ITU T. As part of the reaction to the change there is a need for greater clarification on what is the scope of the technical work and, in line with the role of lead study groups, a need to clarify responsibilities. Such clarifications are made with the proposed amendments to the Resolution below, recognising the emergence of new technologies and new Study Groups within the currently agreed mandate.

Proposal

To clarify the responsibilities of the ITU T’s lead Study Group on Numbering Naming Addressing and Identification to reflect evolution of technologies over the last 4 years, and the response of the ITU T to such evolutions in a manner that is intended to avoid duplication of effort and achieve efficiencies.

MOD EUR/45A9/1

RESOLUTION 60 (REV. HAMMAMET, 2016)

Responding to the challenges of the evolution of the identification/numbering system and its convergence with IP-based systems/networks

(Johannesburg, 2008; Dubai, 2012; Hammamet, 2016)

The World Telecommunication Standardization Assembly (Hammamet, 2016),

recognizing

*a)* Resolution 133 (Rev. Busan, 2014) of the Plenipotentiary Conference, with regard to the continuing progress towards integration of telecommunications and the Internet;

*b)* Resolutions 101 and 102 (Rev. Busan, 2014) of the Plenipotentiary Conference;

*c)* the evolving role of the World Telecommunication Standardization Assembly, as reflected in Resolution 122 (Rev. Guadalajara, 2010) of the Plenipotentiary Conference,

noting

*a)* the work in Study Group 2 of the ITU Telecommunication Standardization Sector (ITU‑T), on investigating the evolutionary aspect of the numbering system, including the "future of numbering", considering next-generation networks (NGN) and future networks (FN) as the working environment of the numbering system in the future;

*b)* that the transition from traditional networks to IP-based networks is taking place at a fast pace, whilst there is a transition to NGN and FN;

*c)* the emerging issues concerning administrative control for international telecommunication service-based numbers;

*d)* the forthcoming issues concerning the convergence of numbering, naming, addressing and identification systems along with the development of NGN and FNs, and associated issues concerning security, signalling, portability and migration;

*e)* the growing demand for numbering/identification resources for communications referred to as machine-to-machine (M2M) and Internet of Things (IoT);

*f)* the need for principles and a roadmap for the evolution of international telecommunication resources, which would be expected to help the timely, predictable deployment of advanced identification technologies,

resolves to instruct ITU-T Study Group 2, within the mandate of ITU‑T

1 to continue studying, in liaison with the other relevant study groups, the necessary requirements for the structure and maintenance of telecommunication identification/numbering resources in relation to the deployment of IP-based networks, the transition to NGN and FN and requirements for M2M and IoT;

2 to ensure the development of the administrative requirements for identification/numbering resource management systems in NGN,FN, M2M and IoT;

3 to continue developing guidelines, as well as a framework, for the evolution of the international telecommunication numbering system and its convergence with IP-based systems, in coordination with related study groups and associated regional groups, so that a basis for any new application can be provided,

instructs relevant study groups, and in particular ITU-T Study Group 13 and ITU-T Study Group 20

to support the work of Study Group 2, to ensure that such applications are based on appropriate guidelines, as well as a framework, for the evolution of the international telecommunication numbering/identification system, and to help investigate their impact on the numbering/identification system,

instructs the Director of the Telecommunication Standardization Bureau

to take appropriate action to facilitate the foregoing work in ITU-T SG2 regarding the evolution of the numbering/identification system or its converged applications,

invites Member States and Sector Members

1 to contribute to these activities, taking into consideration their national concerns and experiences;

2 to participate in and to contribute to regional groups discussing the issue and to promote the participation of developing countries in those and the foregoing discussions.

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